

Serial No. 10/652,821

IN THE SPECIFICATION

Page 1, lines 4 and 5 have been amended as follows:

The present application is a continuation-in-part application of U.S. Patent Application Serial No. 09/941,991, now U.S. Patent No. 6,612,586.

Page 1, line 13 through page 2, line 17 have been amended as follows:

U.S. Patent No. 5,934,384 discloses a conventional drill that includes a transmission shaft 1, a stop member 2, a C-clip 3, a compression spring 4, a locating ring 5, a chuck 6 and a bit 8. The transmission shaft 1 includes a coupling hole 10 defined in an end for receiving the bit 8 and a coupling rod 13 extending from an opposite end for engagement with a motor. In the periphery of the transmission shaft 1 is defined a locating groove 11. The transmission shaft 1 defines a through hole 110 through which the coupling hole 10 is communicated with the locating groove 11. The stop member 2 includes an arched body and a rod 20 extending from a midpoint of the arched body. The arched body of the stop member 2 is put in the locating groove 11 while the rod 20 is inserted in the through hole 110. In the periphery of the transmission shaft 1 is defined an annular groove 12 for receiving the C-clip 3. The compression spring 4 is mounted on the transmission shaft 1. The chuck 6 defines a central through hole 60 that includes a tapered orifice 61. The chuck 6 is mounted on the transmission shaft 1 so as to enclose the stop member 2, the C-clip 3 and the compression spring 4. The locating ring 5 is fit in the chuck 6. The compression spring 4 is compressed between the C-clip 3 and the locating ring 5. The tapered orifice 61 pushes the arched body of the stop member 2 so as to insert the rod 20 into the coupling hole 10. The bit 8 includes a shank 80 including several angles 81 in each of which a cut 82 is defined for receiving the rod 20. The chuck 6 is pulled from the transmission shaft 1 so as to move the tapered orifice 61 from the arched body of the stop member 2. Thus, the rod 20 leaves the coupling hole 10. Hence, the shank 80 of the bit 8 can be inserted into or pulled from the coupling hole 10. However, such pulling requires delicate actions of a hand, i.e., holding the transmission shaft 1 with the palm and four fingers and pushing the chuck 6 with the thumb. Moreover, a distance taken from the bit 8 to the coupling rod 13 is not adjustable for only one cut 82 ~~[[ls]]~~ defined in ~~each of~~ the angles 81 of the ~~periphery~~ shank 80 of the bit 8.

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Page 2, lines 24 and 25 have been amended as follows:

The present invention is hence intended to obviate or at least alleviate the problems encountered in the prior art.

Page 3, lines 22-24 have been amended as follows:

Other ~~objects~~ objectives, advantages, and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the attached drawings.

Page 4, lines 24-26 have been amended as follows:

Referring to Figure 1, according to a first embodiment of the present invention, a tool includes a handle 10, a bit 30 and a locking device 20 for locking the bit 30 to the handle 10. The bit 30 may be a crowbar ~~[[crow]]~~.

Page 5, lines 19-23 have been amended as follows:

In assembly, the latch 23 is inserted through the spring 22 into the second tunnel 13 so that the apertures 14 are aligned with the notches 24. Each of the ball detents ~~[[28]]~~ 21 is forced into one of the apertures 14 through the first end. Thus, each of the ball detents 21 is trapped in one of the apertures 14 and one of the notches 24.

Page 5, line 25 through page 6, line 1 have been amended as follows:

As inserted into the first tunnel 11, the shank 34 pushes the ball detents 21 completely from the first channel 11. In turn, the ball detents 21 push ~~[[of]]~~ off the slopes 25, thus causing the latch 23 to move.

Page 6, lines 3-7 have been amended as follows:

Referring to Figure 3, the shank 34 is inserted in the socket 12. Two of the recesses 31 are aligned with the apertures 14 so as to receive the ball detents 21 pushed by ~~means of~~ the slopes 25. The latch 23 is kept in this position by ~~means of~~ the spring 22 compressed between the socket 12 and the button 26.

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Page 6, lines 9-14 have been amended as follows:

Referring to Figure 4, the button 26 is pressed so that the slopes 25 are moved from the ball detents 21. Thus, the ball detents 21 can move further into the notches 24. That is, the ball detents 21 can completely escape the ~~notches~~ recesses 31. Therefore, the shank 34 can be inserted further into the first tunnel 11. Although not shown, the shank 34 can be pulled from the first tunnel 11 as the button 26 is pressed.